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Supplementary Materials for

OCO-2 advances photosynthesis observation from space via solar-induced chlorophyll fluorescence

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This PDF file includes:

Figs. S1 and S2

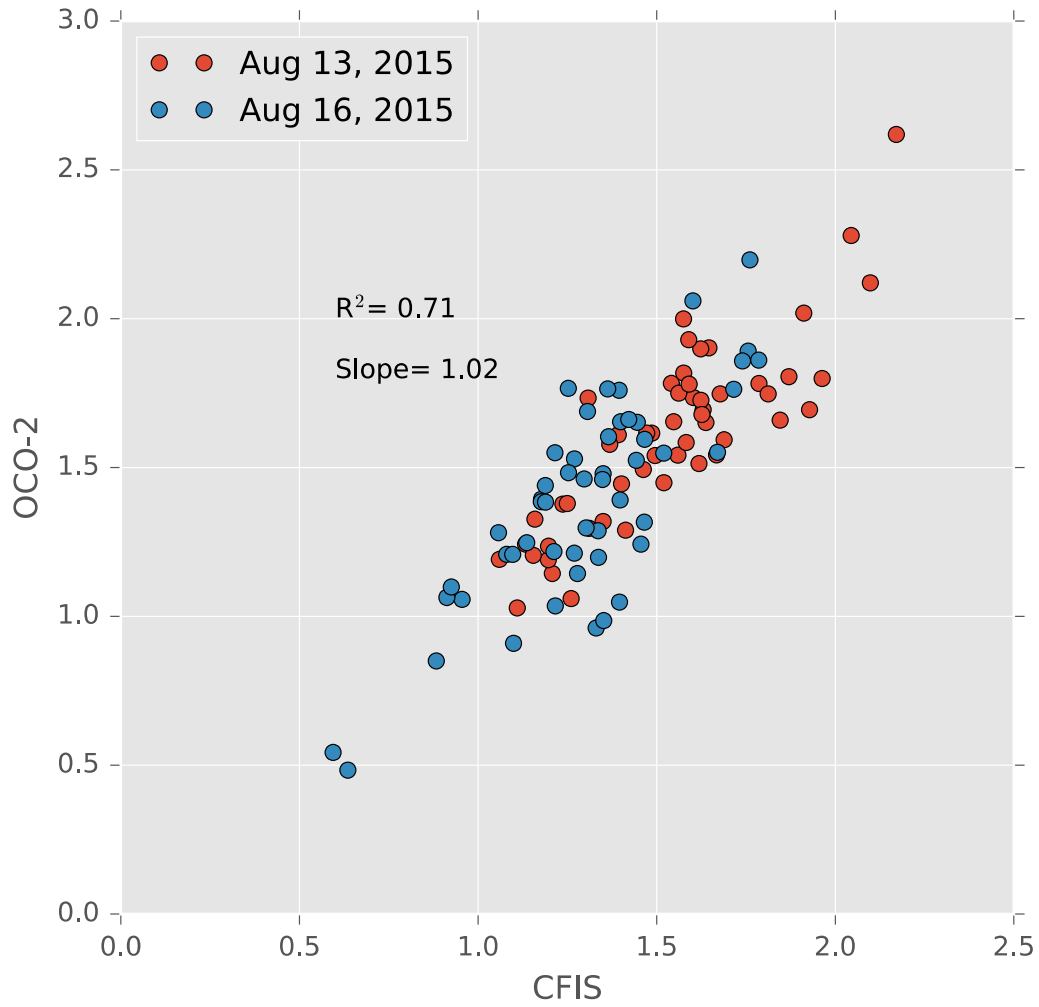


Figure S1. Validation of OCO-2 SIF ($\text{Wm}^{-2} \mu\text{m}^{-1} \text{sr}^{-1}$) with the initial two CFIS flights on August 13th and 16th of 2015 shown in Figure 2B. The slope of ordinary least square fit of OCO-2 against CFIS measurements is 1.02 (with intercept passing through origin); the goodness of linear fit $R^2 = 0.71$.

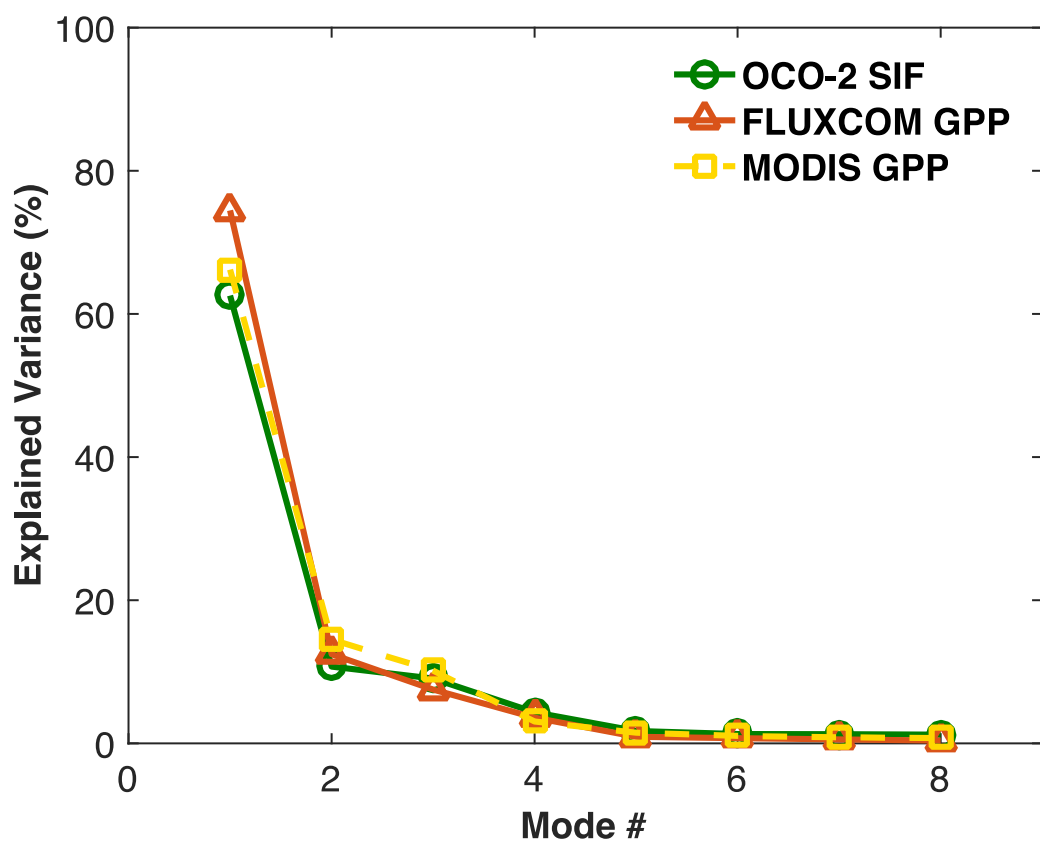


Figure S2. The variance explained by the first eight EOF modes in descending order.